

ABSTRACT

A fuser member for toner fusing systems and processes. This fuser member has a fuser base and a fusing surface layer, and the fusing surface layer contains a fluoroelastomer and filler particles. The filler particles have a mean particle diameter greater than 5 microns, and a modulus greater than the modulus of the fluoroelastomer at fusing temperatures. The fusing surface layer has at least the minimum proportion by volume of these particles, with at least the minimum mean particle diameter, that will provide the fusing surface layer with an equilibrium surface roughness so that, in fusing toner to substrate, the fuser member generates an image having a gloss number less than 10.